Project Management: The Integral Part of Mechanical Engineering Curriculum

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Abstract

Project management is a set of crucial skills for any mechanical engineer to deliver successful outcomes, meet deadlines, and manage all resources effectively. Moreover, in the competitive globalization environment, the effective application of project management skills is more than crucial. People are increasingly looking to education to acquire marketable skills to gain the right opportunities in their chosen field. An education is imperative for career advancement and staying current with industry trends. Undergraduate engineering curriculum in Bangladesh, perhaps the heaviest in the world, did not include any comprehensive deliberation on project management. Alternatively, Institution of Engineers, Bangladesh has introduced "project management for engineers" short course or micro credential which is an incredible initiative. Finally, considering the present engineering business world, the author argued that intensive teaching of project management to undergraduate mechanical engineering students is vital. A survey showed that the students are overwhelmed with the prospects of project management along with engineering practices.